

ABSTRACT

A wheel chair has a gas motor adapted to propel the wheel chair and an electric motor adapted to propel the wheel chair. A battery is connected to the electric motor for supplying electrical power to the electric motor. An alternator is coupled to the gas motor. During operation of the gas motor, the gas motor drives the alternator for causing the alternator to generate electricity. The alternator is coupled to the battery for supplying the generated electricity thereto for charging the battery. The gas motor can be used for outdoor operation and the electric motor for indoor operation or assisting the gas motor when overloaded or out of fuel. The wheel chair may include a track assembly having first and second sections that can pivot. An actuator may be used to selectively pivot the first and second sections. This helps the wheel chair to traverse steps and stairways.